

# SBI Clerical Cadre (Pre.) Exam Practice Set 5

## Part 1 English Language

**Directions** (Q. Nos. 1-5) Rearrange the following six sentence (A), (B), (C), (D), (E) and (F) in the proper sequence to form a meaningful paragraph; then answer the questions given below them.

- A. Because of the black and white rats the branch would fall on the ground very soon and the man woke up with a start only to realise that it was a dream.
- B. On climbing, he looked down and saw that the lion was still there waiting for him.
- C. Once a man dreamt that a lion was chasing him.
- D. One rat was black and the other one was white.
- E. The man then looked to his side where the branch he was sitting on, was attached to the tree and saw that two rats were circling around and eating the branch.
- F. The man ran to a tree climbed on to it and sat on a branch.

1. Which of the following should be the **THIRD** sentence after rearrangement?  
(1) A (2) B (3) C  
(4) D (5) E
2. Which of the following should be the **FOURTH** sentence after rearrangement?  
(1) B (2) C (3) D  
(4) E (5) F
3. Which of the following should be the **SECOND** sentence after rearrangement?  
(1) A (2) B (3) C  
(4) D (5) F

4. Which of the following should be the **SIXTH** (LAST) sentence after rearrangement?  
(1) A (2) B (3) D  
(4) E (5) F
5. Which of the following should be the **FIRST** sentence after rearrangement?  
(1) A (2) B (3) C  
(4) D (5) E

**Directions** (Q. Nos. 6-10) Read each sentence to find out whether there is any grammatical error or idiomatic error in it. The error if any, will be in one part of the sentence. The number of that part is the answer. If there is 'No error' the answer is (5). (Ignore errors of punctuation if any)

6. Ragi may not taste (1)/ good but it has (2)/ very high (3)/ nutritive value. (4)/ No error (5)
7. She wanted to reached (1)/ home as early (2)/ as possible because (3)/ it was getting dark. (4)/ No error (5)
8. Rohan's happiness knew no (1)/ bounds when the results (2)/ were announce because (3)/ he had won the competition. (4)/ No error (5)
9. The royal guards were instruction (1)/ to keep the palace (2)/ gates closed as the (3)/ villagers were agitated. (4)/ No error (5)
10. They were hoping (1)/ to reach of time (2)/ for the lecture (3)/ but they were late. (4)/ No error (5)

**Directions** (Q. Nos. 11-20) In the following passage there are blanks, each of which has been numbered. These numbers are printed below the passage and against each, five words are suggested, one of which fits the blank appropriately. Find out the appropriate word in each case.

### Passage

He was a charismatic leader, an entrepreneur and a highly effective manager all rolled into one. As a leader, he (11) the company's growth plan in a dedicated manner and he never (12) focus. The cement industry in those days was doing badly. (13) to everyone's expectations he sanctioned an additional plant in (14) time. He was (15) that since the cement industry was cyclic in nature, by the time the plant was (16) the market would have improved. It did happen and the decision brought rich (17) when the plant was commissioned.

Not only was he a great entrepreneur but he also (18) all his senior people to be 'practising entrepreneurs'. I have seen a similar example at the Asian Institute of Management, which allows its professors to (19) their own business. This made their lectures more practical and less theoretical. It is the (20) of the Institute's success.

11. (1) achieved (2) implemented (3) visualized (4) persevered (5) aimed
12. (1) moved (2) shifts (3) missed (4) changes (5) lost

13. (1) Contrary (2) Opposite (3) Yet  
(4) Obedient (5) Different
14. (1) any (2) mean (3) short  
(4) no (5) less
15. (1) known (2) calculating (3) certain  
(4) dreamt (5) surely
16. (1) operational (2) install (3) use  
(4) produced (5) new
17. (1) supply (2) diversity (3) rewards  
(4) pay (5) knowledge
18. (1) thought (2) tried (3) wished  
(4) encourage (5) wanted
19. (1) expand (2) function (3) choose  
(4) run (5) risk
20. (1) responsibility (2) secret (3) guarantee  
(4) prize (5) value

**Directions** (Q.Nos. 21-25) Which of the phrases (1), (2), (3) and (4) given below should replace the phrase given in **bold** in the following sentence to make the sentence grammatically meaningful and correct? If the sentence is correct as it is and 'No correction is required', mark (5) as the answer.

21. We have received many complaints from customers and have appointed an auditor to help us identify the reason for the **various delays**.  
(1) variety of delay (2) various delay (3) varied delaying  
(4) variety delays (5) No correction required
22. A bank **has loans to its** own employees at interest rates below the rate decided by RBI.  
(1) is giving loans to (2) loans their  
(3) can give loans to its (4) has given loans for its  
(5) No correction required
23. The Indian banking sector is growing rapidly and banks are opening **much of branches** in unbanked areas.  
(1) many branches (2) numerous branch  
(3) mostly branch (4) as much branches as  
(5) No correction required

24. Depending on the location you select, the cost of setting up a new factory **has vary from** ₹ 50 lakh to ₹ 10 crore.  
(1) is varied between (2) will vary from  
(3) varying about (4) could vary around  
(5) No correction required
25. **Although other parts** the world 20% of the farm area is owned by women, in India women own less than 7%.  
(1) If in other parts  
(2) However some parts  
(3) Where another part of  
(4) While in other parts of  
(5) No correction required

**Directions** (Q.Nos. 26-30) Pick out the most effective word from the given words to fill in the blank to make the sentence meaningfully complete.

26. Sadly, tomorrow's cricket match will have to be ..... due to bad weather.  
(1) played (2) unorganised  
(3) cancelled (4) won  
(5) rained
27. The dumping of waste products is carefully done by the company in order to..... any harm to the environment.  
(1) avoid (2) cause  
(3) expect (4) intend  
(5) do
28. No matter where that prisoner tries to ....., the police will find him sooner or later.  
(1) imprison (2) arrest  
(3) find (4) stops  
(5) hide
29. I do not know where Neha lives because we have been .... of touch for quite some time.  
(1) not (2) out (3) hardly  
(4) never (5) ever
30. It is a shame that many people in the world have to live .... basic necessities such as food and shelter.  
(1) along (2) including (3) despite  
(4) without (5) short

## Part 2 Numerical Ability

31. The average of four consecutive odd numbers  $A, B, C$  and  $D$  respectively is 24. What is the product of  $B$  and  $D$ ?  
(1) 483 (2) 675  
(3) 621 (4) 525  
(5) None of these
32. Swati walks 150 m everyday. How many kilometres will she walk in three weeks?  
(1) 2.04 (2) 5.92  
(3) 4.18 (4) 3.15  
(5) None of these
33. The area of a square is thrice the area of a rectangle. If the area of the square is 225 sq cm and the length of the rectangle is 15 cm, what is the difference between the breadth of the rectangle and the side of the square?  
(1) 8 cm (2) 10 cm  
(3) 12 cm (4) 6 cm  
(5) None of these
34. Find the average of the following set of scores 125, 236, 334, 486, 564, 625, 702, 800  
(1) 448 (2) 482  
(3) 524 (4) 542  
(5) None of these
35. A truck covers a certain distance in 12 h at the speed of 70 km/h. What is the average speed of a car which travels a distance of 120 km more than the truck in the same time?  
(1) 76 km/h (2) 85 km/h  
(3) 82 km/h (4) 78 km/h  
(5) None of these
36. The difference between 55% of a number and 14% of the same number is 8610. What is 85% of that number?  
(1) 17850 (2) 16820  
(3) 18020 (4) 19450  
(5) None of these

## 44 SBI Clerical Cadre (PHASE I) Exam Practice Set 5

- 37.** Kirti's monthly income is two-third of Sneha's monthly income. Sneha's annual income is ₹ 432000. What is Kirti's annual income? (In some cases, monthly income and in some cases annual income is used.)  
 (1) ₹ 292000 (2) ₹ 263500 (3) ₹ 248200  
 (4) ₹ 288000 (5) None of these
- 38.** At present, Palash is three times Arnav's age. After 7 yr, Palash will be twice Arnav's age, then how many times will Palash's age be in another fourteen years time with respect to Arnav's age then?  
 (1) 1 (2) 3 (3) 2  
 (4) 1.5 (5) None of these
- 39.** Paresh got 102 marks in Hindi, 118 marks in Science, 104 marks in Sanskrit, 114 marks in Maths and 96 marks in English. The maximum marks of each subject are 120. How much overall percentage of marks did Paresh get?  
 (1) 89 (2) 82 (3) 77  
 (4) 71 (5) None of these
- 40.** Six women alone can complete a piece of work in 10 days, whereas 10 children alone take 15 days to complete the same piece of work. How many days will 6 women and 10 children together take to complete the piece of work?  
 (1) 7 (2) 8 (3) 6  
 (4) 4 (5) None of these
- 41.** Suhas sold an item for ₹ 7500 and incurred a loss of 25%. At what price, should he have sold the item to have gained a profit of 25%?  
 (1) ₹ 13800 (2) ₹ 12500  
 (3) ₹ 11200 (4) Cannot be determined  
 (5) None of these
- 42.** On Teacher's Day, sweets were to be equally distributed amongst 540 children. But on that particular day 135 children remained absent; hence each child got 2 sweets extra. How many sweets was each child originally supposed to get?  
 (1) 4 (2) 8 (3) 10  
 (4) 6 (5) Cannot be determined
- 43.** Maria earned a profit of 30% on selling an article for ₹ 6110. What was the cost price of the article?  
 (1) ₹ 5725 (2) ₹ 4080 (3) ₹ 5250  
 (4) ₹ 4400 (5) None of these
- 44.** In an examination, it is required to get 55% of the aggregate marks to pass. A student gets 520 marks and is declared failed by 5% marks. What are the maximum aggregate marks a student can get?  
 (1) 960 (2) 1250  
 (3) 1040 (4) Cannot be determined  
 (5) None of these
- 45.** The diameter of a circle is 7.7 cm. What is the circumference of the circle?  
 (1) 26.4 cm (2) 24.2 cm  
 (3) 28.4 cm (4) 22.2 cm  
 (5) None of these
- 47.** 39, 52, 78, 117, 169, ?  
 (1) 246 (2) 182 (3) 234  
 (4) 256 (5) None of these
- 48.** 656, 432, 320, 264, 236, ?  
 (1) 222 (2) 229  
 (3) 232 (4) 223  
 (5) None of these
- 49.** 62, 87, 187, 412, 812, ?  
 (1) 1012 (2) 1437  
 (3) 1337 (4) 1457  
 (5) None of these

**Directions (Q.Nos. 50-60)** What should come in place of the question mark (?) in the following questions?

- 50.**  $584 - 32 \times 4 \div 12 = ?$   
 (1) 2220 (2) 444 (3) 72  
 (4) 563 (5) None of these
- 51.**  $\sqrt[3]{287496} = ?$   
 (1) 44 (2) 55 (3) 66  
 (4) 77 (5) None of these
- 52.**  $14181 \div 87 \times ? = 122.25$   
 (1) 6 (2)  $\frac{2}{3}$   
 (3) 8 (4)  $\frac{3}{4}$   
 (5) None of these
- 53.**  $12.5\% \text{ of } ? + 14.4\% \text{ of } 550 = 159.2$   
 (1) 640 (2) 550  
 (3) 620 (4) 540  
 (5) None of these
- 54.**  $(71)^2 + (?)^2 - (56)^2 = 6666$   
 (1) 59 (2) 69  
 (3) 63 (4) 67  
 (5) None of these
- 55.**  $\frac{3}{5} \text{ of } \frac{3}{4} \text{ of } \frac{2}{3} \text{ of } ? = 2994$   
 (1) 9980 (2) 9560  
 (3) 10500 (4) 10400  
 (5) None of these
- 56.**  $(7486 + 5563 + 9741 + 7520) \div ? = 866$   
 (1) 25 (2) 20  
 (3) 40 (4) 45  
 (5) None of these
- 57.**  $721 \times 398 = ?$   
 (1) 287754 (2) 286958  
 (3) 286162 (4) 285516  
 (5) None of these
- 58.**  $32712 \div \sqrt{3364} + (8)^2 = ?$   
 (1) 572 (2) 664  
 (3) 564 (4) 628  
 (5) None of these
- 59.**  $2.5 \times 3.8 \times ? = 42.75$   
 (1) 3.5 (2) 5.4  
 (3) 4.5 (4) 5.5  
 (5) None of these
- 60.**  $0.04 \times ? \times 2.5 = 1.2$   
 (1) 1.2 (2) 14 (3) 1.4  
 (4) 12 (5) None of these

**Directions (Q. Nos. 46-49)** What will come in place of question mark (?) in the following number series?

- 46.** 13, 16, 22, 33, 51, ?

- (1) 89 (2) 78  
 (3) 102 (4) 69  
 (5) None of these

**Directions** (Q. Nos. 61-65) Study the following table carefully and answer the questions given below it.

**Number of Entertainment Shows Held in Various Cities in a Year** (Number in Hundreds)

Cities	Shows				
	Dance	Music	Drama	Stand up Comedy	Mimicry
M	15	21	24	0.8	0.9
N	12.4	13	26	2	0.5
O	5.7	8	12	0.3	0.2
P	11.3	6	18	1	1.5
Q	17	12.4	11	3	0.4
R	14	10.5	9.8	0.7	0.1

61. The mimicry shows held in city M are what per cent of the drama shows held in city O?  
 (1) 7 (2) 8.5  
 (3) 6.5 (4) 8  
 (5) None of these

62. What is the average number of entertainment shows held in city P?  
 (1) 756 (2) 678 (3) 786  
 (4) 698 (5) None of these
63. If the number of music shows in city N and Q is increased by 5%, what will be the total number of music shows in both the cities together?  
 (1) 2602 (2) 2667 (3) 2540  
 (4) 2605 (5) None of these
64. What is the respective ratio of the number of dance shows held in city N to the number of drama shows held in city R?  
 (1) 49 : 62 (2) 49 : 51 (3) 62 : 45  
 (4) 62 : 49 (5) None of these
65. What is the total number of stand up comedy shows held in all the cities together?  
 (1) 820 (2) 740 (3) 780  
 (4) 810 (5) None of these

### Part 3 Reasoning Ability

**Directions** (Q. Nos. 66-70) In each question below are three statements followed by two Conclusions I and II. You have to take the three given statements to be true even if they seem to be at variance from commonly known facts and then decide which of the given conclusions logically follows from the three statements disregarding commonly known facts?

Give answer

- (1) If only Conclusion I follows  
 (2) If only Conclusion II follows  
 (3) If either Conclusion I or II follows  
 (4) If neither Conclusion I nor II follows  
 (5) If both Conclusions I and II follow
66. **Statements** Some choices are mistakes. All mistakes are errors. No error is justified.  
**Conclusions** I. Some choices are justified.  
 II. All mistakes are not justified.
67. **Statements** All cycles are buses. Some buses are cars. All cars are carts.  
**Conclusions** I. Some carts are cars.  
 II. Some cycles are cars.
68. **Statements** All big are short. Some short are long. Some long are thin.  
**Conclusions** I. Some short are thin.  
 II. Some thin are not long.
69. **Statements** All rewards are achievements. All achievements are successes. All successes are everlasting.  
**Conclusions** I. All successes are achievements.  
 II. Some everlasting are not successes.
70. **Statements** Some rivals are enemies. No enemy is a friend. Some friends are strangers.  
**Conclusions** I. Some rivals are not friends.  
 II. All strangers are friends.

**Directions** (Q. Nos. 71-74) The following questions are based on the five three-digit numbers given below.

415 829 876 364 732

71. If in each number, the first and the last digits are interchanged, which of the following will be the third highest number?  
 (1) 415 (2) 829 (3) 876  
 (4) 364 (5) 732
72. If in each number, all the three digits are arranged in descending order within the number, which of the following will be the second lowest number?  
 (1) 415 (2) 829 (3) 876  
 (4) 364 (5) 732
73. If in each number, the first two digits (digit in the ten's and hundred's place) are replaced by their sum, which number will be the largest?  
 (1) 732 (2) 364  
 (3) 876 (4) 829  
 (5) 415
74. If one is added to the first digit of each of the numbers, in how many numbers thus formed will the first digit be a perfect square?  
 (1) None (2) One  
 (3) Two (4) Three  
 (5) More than Three

**Directions** (Q. Nos. 75-78) Study the information carefully and answer the given questions.

- A, C, D, I, L, P and M are sitting in a straight line facing North.  
 (i) P sits fourth to the right of A and C sits second to the left of P. D sits in the middle and is second to the right of M.  
 (ii) I sits at the farthest possible distance from P. (five persons sits between I and P)

## 46 SBI Clerical Cadre (PHASE I) Exam Practice Set 5

- 75.** If all the seven persons are made to sit in alphabetical order from left to right, the positions of how many will remain unchanged as compared to the original seating positions?  
 (1) None (2) One (3) Two  
 (4) Three (5) More than three
- 76.** Four of the following are alike in a certain way based on their seating positions in the above arrangement and so form a group. Which pair does not belong to that group?  
 (1) MA (2) DC (3) LP  
 (4) AC (5) IM
- 77.** What is the position of C with respect to M?  
 (1) Second to the right (2) Immediate to the right  
 (3) Immediate to the left (4) Third to the right  
 (5) Fourth to the right
- 78.** How many persons sit between A and L?  
 (1) One (2) Two (3) Three  
 (4) Four (5) More than Four
- 79.** How many such pairs of letters are there in the word CREDIT each of which has as many letters between them in the word as in the English alphabet?  
 (1) None (2) One (3) Two  
 (4) Three (5) More than three
- 80.** 'Cub' is related to 'Tiger' in the same way as 'Kitten' is related to  
 (1) Dog (2) Cat (3) Duck  
 (4) Swan (5) None of these
- 81.** How many meaningful words can be made from the letters LMEA using each letter only once in each word?  
 (1) None (2) One  
 (3) Two (4) Three  
 (5) More than three
- 82.** If it is possible to make only one meaningful word with the first, the second, the seventh and the eighth letters of the word TEMPORAL, which of the following will be the first letter of that word? If more than one such word can be made, give 'Y' as the answer and if no such word can be made, give 'X' as the answer.  
 (1) T (2) L  
 (3) E (4) Y  
 (5) X
- 83.** In a certain code DEAL is written as '3524' and LIE is written as '475'. How is IDLE written in that code?  
 (1) 7345 (2) 3745  
 (3) 7342 (4) 7245  
 (5) None of these
- (4) If the data given in both the Statements I and II together are not sufficient to answer the question  
 (5) If the data in both the Statements I and II together are necessary to answer the question
- 84.** How is 'go' written in a code language?  
 I. 'come and then go' is written as '5 3 9 6' in that code language.  
 II. 'go and play' is written as '7 3 5' in that code language.
- 85.** B is brother of D. How is D related to E?  
 I. D is sister of M and B.  
 II. E is mother of M.
- 86.** Among P, Q, R, S and T, who is the heaviest?  
 I. R is heavier than only P.  
 II. S is lighter than Q but heavier than R and T.
- 87.** K is towards which direction of D?  
 I. D is towards North of N.  
 II. D is towards South of T which is towards West of K.
- 88.** Who among B, C, D and W reached office first?  
 I. C reached office after W but before B and D.  
 II. B reached office after D.

**Directions (Q.Nos. 89-92)** Study the following information carefully and answer the given questions.

A, B, C, D, E, F, G and H are sitting around a circular table facing the centre.

- (i) B sits third to right of F.  
 (ii) A sits second to the right of D. D is not an immediate neighbour of B and F.  
 (iii) C and E are immediate neighbours of each other.  
 (iv) H is not an immediate neighbour of A.  
 (v) No one sits between C and F.

- 89.** Four of the following five are similar in a certain way based on their position in the seating arrangement and so form a group. Which of the following does not belong to that group?  
 (1) DA (2) BC (3) HG  
 (4) AC (5) BD
- 90.** Who sits to the immediate left of B?  
 (1) H (2) G (3) A  
 (4) E (5) None of these

- 91.** What is the position of D with respect to E in the above arrangement?  
 (1) Third to the right (2) Fourth to the left  
 (3) Second to the right (4) Fourth to the right  
 (5) Immediately to the right

- 92.** In which of the following pairs, second person is sitting to the immediate right of the first person?  
 (1) FA (2) BE (3) AD  
 (4) HB (5) None of these

**Directions (Q. Nos. 93-96)** In each question below is given a group of letters followed by five combinations of number/symbol codes numbered (1), (2), (3), (4) and (5). You have to find out which of the combinations correctly represents the group of letters based on the following coding system and the conditions and mark the number of that combination as your answer?

Letters	H	U	I	F	M	T	C	W	E	B	Q	K	R	P	A
Symbol code	6	#	7	©	\$	5	3	★	@	2	4	%	β	8	9

Give answer

- (1) If the data in Statement I alone are sufficient to answer the question, while the data in Statement II alone are not sufficient to answer the question  
 (2) If the data in Statement II alone are sufficient to answer the question, while the data in Statement I alone are not sufficient to answer the question  
 (3) If the data either in Statement I alone or in Statement II alone are sufficient to answer the question



Conditions

- (i) If both the first and the last elements are consonants, both these are to be coded as the code for the fifth element.
- (ii) If the third element is a consonant and the fourth a vowel, the codes for both these are to be interchanged.
- (iii) If both the second and the fifth elements are vowels, the second element is to be coded as the code for the last element.

93. WUTABE

- (1) ★#295@ (2) H#952@
- (3) ★#592@ (4) ★#992@
- (5) @# 952★

94. MACBEU

- (1) \$932@9 (2) \$#@32#
- (3) \$#32## (4) \$#32@#
- (5) \$#3@2#

95. HEITQK

- (1) 4@5744 (2) 6@7544
- (3) 6@754% (4) 4@7546
- (5) 4@7544

96. QEPMUA

- (1) 4@8\$#9
- (2) 498\$#@
- (3) 498\$#9
- (4) 49#8\$9
- (5) 4@8\$#@

**Directions** (Q.Nos. 97-100) In the following questions, the symbols \$, ★, %, δ and @ are used with the following meaning as illustrated below.

- 'P ★ Q' means 'P is neither greater than nor equal to Q'.
- 'P @ Q' means 'P is neither smaller than nor equal to Q'.
- 'P δ Q' means 'P is not greater than Q'.
- 'P % Q' means 'P is not smaller than Q'.
- 'P \$ Q' means 'P is neither greater than nor smaller than Q'.

Now, in each of the following questions assuming the given statements to be true, find which of the two Conclusions I and II given below them is/are definitely true and give your answer accordingly.

Give answer

- (1) If only Conclusion I is true
- (2) If only Conclusion II is true
- (3) If either Conclusion I or II is true
- (4) If neither Conclusion I nor II is true
- (5) If both Conclusions I and II are true

97. Statements R % W, W @ F, F \$ Z

- Conclusions I. F ★ R II. Z ★ W

98. Statements B @ K, K % J, J ★ M

- Conclusions I. J ★ B II. M @ B

99. Statements D \$ T, T δ H, H @ N

- Conclusions I. H \$ D II. H @ D

100. Statements H δ N, N ★ K, K δ D

- Conclusions I. D @ N II. H ★ K

## Answers

- |         |         |         |         |         |         |         |         |         |          |
|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|
| 1. (3)  | 2. (2)  | 3. (2)  | 4. (1)  | 5. (2)  | 6. (3)  | 7. (1)  | 8. (3)  | 9. (1)  | 10. (2)  |
| 11. (2) | 12. (3) | 13. (1) | 14. (4) | 15. (2) | 16. (1) | 17. (3) | 18. (5) | 19. (4) | 20. (2)  |
| 21. (2) | 22. (3) | 23. (1) | 24. (2) | 25. (4) | 26. (3) | 27. (1) | 28. (5) | 29. (2) | 30. (4)  |
| 31. (3) | 32. (4) | 33. (2) | 34. (5) | 35. (5) | 36. (1) | 37. (4) | 38. (1) | 39. (1) | 40. (3)  |
| 41. (2) | 42. (4) | 43. (5) | 44. (3) | 45. (2) | 46. (2) | 47. (3) | 48. (1) | 49. (2) | 50. (5)  |
| 51. (3) | 52. (4) | 53. (1) | 54. (2) | 55. (1) | 56. (5) | 57. (2) | 58. (4) | 59. (3) | 60. (4)  |
| 61. (5) | 62. (1) | 63. (2) | 64. (4) | 65. (3) | 66. (4) | 67. (1) | 68. (4) | 69. (4) | 70. (1)  |
| 71. (1) | 72. (4) | 73. (3) | 74. (4) | 75. (2) | 76. (4) | 77. (4) | 78. (2) | 79. (3) | 80. (2)  |
| 81. (5) | 82. (2) | 83. (1) | 84. (4) | 85. (5) | 86. (5) | 87. (2) | 88. (1) | 89. (2) | 90. (4)  |
| 91. (1) | 92. (5) | 93. (2) | 94. (4) | 95. (5) | 96. (3) | 97. (5) | 98. (1) | 99. (4) | 100. (5) |

# Hints and Solutions

6. It should be 'a very high'.  
 7. Use 'reach' in place of 'reached'.  
 8. Use 'announced' in place of 'announce'.  
 9. Use 'instructed' in place of 'instruction'.  
 10. Use 'in' or 'on' in place of 'of'.

31. Let four consecutive odd numbers are like  $x, x + 2, x + 4, x + 6$

$$\Rightarrow x + (x + 2) + (x + 4) + (x + 6) = 24 \times 4$$

$$4x + 12 = 84$$

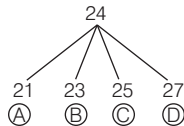
$$x = 21$$

$$\therefore B = x + 2 = 21 + 2 = 23$$

$$\text{and } D = x + 6 = 21 + 6 = 27$$

$$\text{Then, required product} = 23 \times 27 = 621$$

### Shortcut Method



$$\text{So, the product of B \& D} = 23 \times 27 = 621$$

32. Distance covered in one day = 150 m  
 Distance covered in 7 days =  $7 \times 150 = 1050$  m  
 Distance covered in 3 weeks =  $3 \times 1050 = 3150$  m  
 = 3.15 km

33. Let the area of a rectangle =  $A$

$$\text{So, the area of a square} = 3A$$

$$\therefore \text{Area of square} = a^2 = (\text{Side})^2$$

$$\therefore \text{Side of a square} = \sqrt{225}$$

$$\text{Side} = 15 \text{ cm}$$

$$\text{Now, area of a rectangle}$$

$$= \frac{225}{3} = 75 \text{ cm}^2 \quad (\text{by question})$$

$$l \times b = 75$$

$$15 \times b = 75$$

$$b = 5$$

$$\text{Therefore, required difference}$$

$$= 15 - 5 = 10 \text{ cm}$$

34. Required average

$$\frac{125 + 236 + 334 + 486 + 564 + 625 + 702 + 800}{8}$$

$$= \frac{3872}{8} = 484$$

35. Distance covered by truck in 12 h

$$= 70 \times 12 = 840 \text{ km}$$

$$\text{Distance covered by car in 12 h}$$

$$= 840 + 120 = 960 \text{ km}$$

$$\therefore \text{Required average speed of car}$$

$$= \frac{960}{12} = 80 \text{ km/h}$$

36. Required difference =  $(55 - 14)\%$  of  $x$

$$= 41\% \text{ of } x$$

$$\therefore 41\% = 8610$$

$$\therefore 85\% = 17850$$

### Shortcut Method

$$(55 - 14)\% \equiv 8610$$

$$41\% = 8610$$

$$85\% = \frac{8610}{41} \times 85$$

$$= 17850$$

37. Let the present age of Kirti and Sneha are  $K$  yr and  $S$  yr, respectively.

$$K = S \times \frac{2}{3}$$

$$\Rightarrow S = ₹ \frac{432000}{12} \text{ per month}$$

$$= ₹ 36000 \text{ per month}$$

$$\text{Monthly salary of K} = 36000 \times \frac{2}{3}$$

$$= 12000 \times 2$$

$$\text{The annual salary of K} = 24000 \times 12$$

$$= ₹ 288000$$

38. Let the present age of Palash and Arnav be  $P$  yr and  $A$  yr, respectively.

$$\Rightarrow P = A \times 3$$

$$\Rightarrow (P + 7) = (A + 7) \times 2$$

$$\Rightarrow P + 7 = 2A + 14$$

$$\Rightarrow P = 2A + 7$$

$$\Rightarrow 3A = 2A + 7 \quad (\because P = 3A)$$

$$\therefore A = 7 \text{ yr}$$

$$\therefore P = 3A = 21 \text{ yr}$$

$$\text{So, the age of Arnav after 14 yr}$$

$$\Rightarrow A + 14 = 7 + 14 = 21 \text{ yr}$$

$$\text{and the age of Palash} = 21 \text{ yr}$$

$$\Rightarrow \left[ \frac{A + 14}{P} \right] = \frac{21}{21} = 1 \text{ time}$$

39. Maximum marks of all subjects

$$= 120 \times 5 = 600$$

$$\text{Total obtained marks}$$

$$= 102 + 118 + 104 + 114 + 96 = 534$$

$$\text{So, the required percentage}$$

$$= \frac{534}{600} \times 100\% = 89\%$$

40. The work done by 6 women in 1 day

$$= \frac{1}{10}$$

$$\text{The work done by 10 children in 1 day}$$

$$= \frac{1}{15}$$

$$\text{The work done by 6 women and 10 children in 1 day}$$

$$= \frac{1}{10} + \frac{1}{15} = \frac{3 + 2}{30} = \frac{5}{30} = \frac{1}{6}$$

$$\text{So, the required number of days}$$

$$= \frac{1}{\frac{1}{6}} = 6 \text{ days}$$

41. Let cost price =  $CP$

$$\Rightarrow SP = CP \times \left( \frac{100 \pm \text{Profit/Loss}}{100} \right)$$

$$\Rightarrow 7500 = CP \times \left( \frac{100 - 25}{100} \right)$$

$$\Rightarrow 7500 = CP \times \frac{75}{100}$$

$$\Rightarrow CP = \frac{7500 \times 100}{75}$$

$$= 100 \times 100 = ₹ 10000$$

$$\text{Selling price to gain 25\% profit}$$

$$= 100000 + 10000 \times \frac{25}{100}$$

$$= 10000 \left( 1 + \frac{1}{4} \right)$$

$$= \frac{10000 \times 5}{4} = ₹ 12500$$

### Shortcut Method

$$\text{Required selling price}$$

$$= \text{Original SP} \times \frac{(100 + P)}{(100 - L)}$$

$$= 7500 \times \frac{125}{75}$$

$$= ₹ 12500$$

42. Let sweets are  $x$ .

$$540x = 405(x + 2)$$

$$540x = 405x + 810$$

$$x(540 - 405) = 810$$

$$x \times 135 = 810$$

$$x = 6$$

43.  $SP = ₹ 6110$ , profit = 30%

$$\text{Let the cost price} = CP$$

$$\Rightarrow CP = \frac{6110 \times 100}{100 + 30}$$

$$= \frac{6110 \times 100}{130} = ₹ 4700$$

44. Let the maximum marks =  $x$

$$55\% \text{ of } x = 520 + 5\% \text{ of } x$$

$$\Rightarrow x(55 - 5)\% = 520$$

$$\Rightarrow 50\% \text{ of } x = 520$$

$$\therefore 100\% \text{ of } x = 1040$$

45. Diameter of circle =  $2r = 7.7$  cm

Circumference of circle =  $2\pi r$   
 $= 7.7 \times \frac{22}{7} = 24.2$  cm

46. 
$$\begin{array}{cccccc} & & & & & \boxed{78} \\ & & & & & (?) \\ 13 & 16 & 22 & 33 & 51 & \\ \uparrow & \uparrow & \uparrow & \uparrow & \uparrow & \\ +3 & +6 & +11 & +18 & +27 & \\ \uparrow & \uparrow & \uparrow & \uparrow & \uparrow & \\ +3 & +5 & +7 & +9 & & \end{array}$$

47. 
$$\begin{array}{cccccc} & & & & & \boxed{234} \\ & & & & & (?) \\ 39 & 52 & 78 & 117 & 169 & \\ \uparrow & \uparrow & \uparrow & \uparrow & \uparrow & \\ 13 \times 3 & 13 \times 4 & 13 \times 6 & 13 \times 9 & 13 \times 13 & 13 \times 18 \\ \uparrow & \uparrow & \uparrow & \uparrow & \uparrow & \\ +1 & +2 & +3 & +4 & +5 & \end{array}$$

48. 
$$\begin{array}{cccccc} & & & & & \boxed{222} \\ & & & & & (?) \\ 656 & 432 & 320 & 264 & 236 & \\ \uparrow & \uparrow & \uparrow & \uparrow & \uparrow & \\ -224 & -112 & -56 & -28 & -14 & \\ \uparrow & \uparrow & \uparrow & \uparrow & \uparrow & \\ +2 & +2 & +2 & +2 & & \end{array}$$

49. 
$$\begin{array}{cccccc} & & & & & \boxed{1437} \\ & & & & & (?) \\ 62 & 87 & 187 & 412 & 812 & \\ \uparrow & \uparrow & \uparrow & \uparrow & \uparrow & \\ +25 & +100 & +225 & +400 & +625 & \\ \uparrow & \uparrow & \uparrow & \uparrow & \uparrow & \\ 75 & 125 & 175 & 225 & & \\ \uparrow & \uparrow & \uparrow & \uparrow & \uparrow & \\ +50 & +50 & +50 & & & \end{array}$$

50.  $?$  =  $584 - 32 \times \frac{4}{12} = 584 - \frac{32}{3} = \frac{1720}{3}$   
 $= 573.333$

51.

2	287496
2	143748
2	71874
3	35937
3	11979
3	3993
11	1331
11	121
11	

$\sqrt[3]{2 \times 2 \times 2 \times 3 \times 3 \times 3 \times 11 \times 11 \times 11}$   
 $= 2 \times 3 \times 11 = 66$

52.  $14181 \div 87 \times ? = 122.25$   
 $163 \times ? = 122.25$   
 $\Rightarrow ? = \frac{122.25}{163} = \frac{3}{4}$

53. 12.5% of  $x$  + 14.4% of 550 = 1592  
 $\Rightarrow x \times \frac{12.5}{100} + 550 \times \frac{14.4}{100} = 1592$   
 $\Rightarrow \frac{12.5x}{100} + \frac{7920}{100} = 1592$   
 $\Rightarrow \frac{12.5x + 7920}{100} = 1592$   
 $\Rightarrow 12.5x + 7920 = 1592 \times 100$   
 $\Rightarrow 12.5x = 159200 - 7920$   
 $\Rightarrow x = \frac{8000}{12.5} = 640$

54.  $(71)^2 + (x)^2 - (56)^2 = 6666$   
 $\Rightarrow 5041 + x^2 - 3136 = 6666$   
 $\Rightarrow 5041 + x^2 = 6666 + 3136$   
 $\Rightarrow x^2 = 9802 - 5041$   
 $\Rightarrow x^2 = 4761$   
 $x = 69$

55.  $x \times \frac{2}{3} \times \frac{3}{4} \times \frac{3}{5} = 2994$   
 $\Rightarrow x \times \frac{3}{10} = 2994$   
 $\Rightarrow 3x = 2994 \times 10$   
 $\Rightarrow x = \frac{2994 \times 10}{3}$   
 $\Rightarrow x = 9980$

56.  $(7486 + 5563 + 9741 + 7520) \div x = 866$   
 or  $30310 \div x = 866$  or  $x = \frac{30310}{866} = 35$

57.  $721 \times 398 = 286958$

58.  $32712 \div \sqrt{3364} + (8)^2 = ?$   
 $\Rightarrow 32712 \div 58 + 64 = ?$   
 $\Rightarrow 564 + 64 = ?$   
 $\Rightarrow 628 = ?$

59.  $2.5 \times 3.8 \times x = 42.75$   
 $\Rightarrow 9.5x = 42.75$   
 $\Rightarrow x = \frac{42.75}{9.5} = 4.5$

60.  $0.04 \times x \times 2.5 = 12$   
 $\Rightarrow 0.1x = 12$   
 $\Rightarrow x = \frac{12}{0.1} = 120$

61. Mimicry shows held in city M = 0.9  
 Drama shows held in city O = 12  
 $x\%$  of 12 = 0.9  
 $12 \times \frac{x}{100} = 0.9$   
 $x = \frac{0.9 \times 100}{12} = 7.5\%$

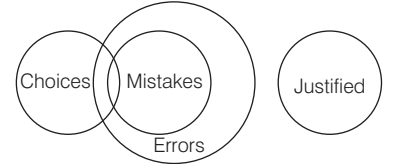
62. Average number of entertainment shows held in city P =  $\frac{11.3 + 6 + 18 + 1 + 1.5}{5}$   
 $= 7.56$   
 $7.56 \times 100 = 756$

63. Music shows in city N and Q =  $(13 + 12.4) 100$   
 $= 2540$  Increases by 5% =  $2540 \times \frac{105}{100}$   
 $= 2667$

64. Dance shows held in city N =  $12.4 \times 100 = 1240$   
 Drama shows held in city R =  $9.8 \times 100 = 980$   
 Ratio =  $\frac{1240}{980} = 62 : 49$

65. Total number of stand up comedy shows held in all the cities together =  $(0.8 + 2 + 0.3 + 1 + 3 + 0.7) \times 100$   
 $7.8 \times 100 = 780$

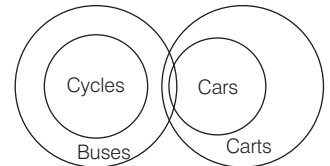
66. According to the statements, venn diagram is



Conclusions

I.  $\times$  II.  $\times$

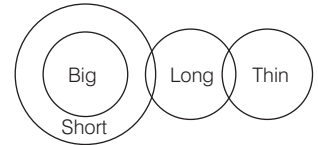
67. According to the statements, venn diagram is



Conclusions

I.  $\checkmark$  II.  $\times$

68. According to the statements, venn diagram is



Conclusions

I.  $\times$  II.  $\times$

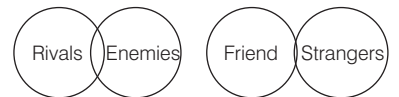
69. According to the statements, venn diagram is



Conclusions

I.  $\times$  II.  $\times$

70. According to the statements, venn diagram is



Conclusions

I.  $\checkmark$  II.  $\times$

71.  $415 \Rightarrow 514, 829 \Rightarrow 928,$   
 $876 \Rightarrow 678, 364 \Rightarrow 463,$   
 $732 \Rightarrow 237$   
 Hence, third highest number = 514 or 415



## 50 SBI Clerical Cadre (PHASE I) Exam Practice Set 5

**72.**  $415 \Rightarrow 541, 829 \Rightarrow 982, 876 \Rightarrow 876,$   
 $364 \Rightarrow 643, 732 \Rightarrow 732$   
 Hence, second lowest number = 643 or 364

**73.**  $415 \Rightarrow 55, 829 \Rightarrow 109, 876 \Rightarrow 156,$   
 $364 \Rightarrow 94, 732 \Rightarrow 102$   
 Hence, largest number = 156 or 876

**74.**  $415 \Rightarrow 515, 829 \Rightarrow 929, 876 \Rightarrow 976,$   
 $364 \Rightarrow 464, 732 \Rightarrow 832$   
 Hence, first digit be a perfect square number will be 829, 876 and 364

**Sol.** (Q. Nos. 75-78) Seven persons sitting arrangements are



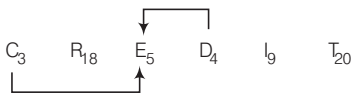
**75.** Original sitting positions = I M A D C L P  
 Alphabetical sitting positions = A C D I L M P  
 Hence, only one person's (P) position remain unchanged.

**76.** Except AC, in all other pairs first person is sitting to the immediate left of second person.

**77.** C is third to the right of M.

**78.** Two persons (D, C) are sitting between A and L.

**79.** Required pairs,



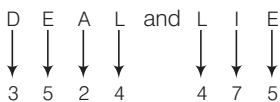
Hence, such pairs are CE and DE.

**80.** As, 'Cub' is young one of 'Tiger', similarly 'Kitten' is young one of 'Cat'.

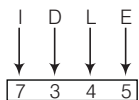
**81.** Number of such meaningful words can be formed from the letters LMEA are LAME, MEAL and MALE.

**82.** The letters T, E, A, L being first, second, seventh and eighth letters of the word TEMPORAL and meaningful words can be formed from them are TEAL and LATE.

**83.** As,



Similarly,

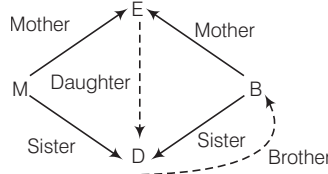


**84.** From Statement I, come and then go  $\rightarrow 5396$  ... (i)

From Statement II, go and play  $\rightarrow 735$  ... (ii)

From Eqs. (i) and (ii), and go  $\rightarrow 53$   
 Hence, both Statements are not sufficient to answer the question.

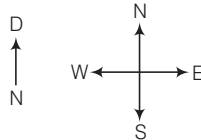
**85.** From Statements I and II,



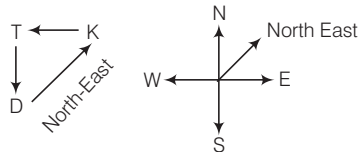
From the above diagram it is clear that D is daughter of E.

**86.** From Statement I,  $R > P$   
 From Statement II,  $Q > S > (R, T)$   
 From both statements,  $Q > S > T > R > P$   
 Hence, Q is heaviest among them.  
 Hence, both statements together are necessary to answer the question.

**87.** From Statement I,



From Statement II,



From the above diagram it is clear that K is towards North-East direction of D.

Hence, only Statement II alone are sufficient to answer the question.

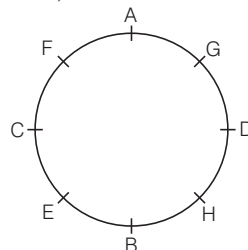
**88.** From Statement I,  $W > C > (B, D)$

Hence, W reached office first among them.

From Statement II,  $D > B$

Hence, only Statement I alone are sufficient to answer the question.

**Sol.** (Q. Nos. 89-92)



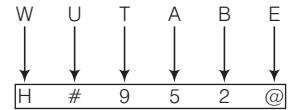
**89.** Except BC, in all other groups, second person is sitting second to the right of first person.

**90.** E sits to the immediate left to B.

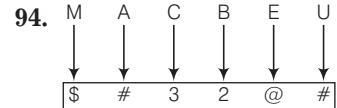
**91.** D sits third to the right of E.

**92.** There is no such pair.

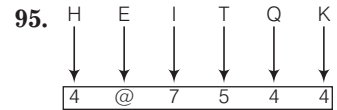
**93.** Hence, none will remain unchanged.



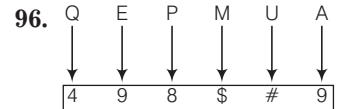
[Condition (ii)]



[Condition (iii)]



[Condition (i)]



[Condition (iii)]

**Sol.** (Q.Nos. 97-100)

★ $\rightarrow <$	% $\rightarrow \geq$
@ $\rightarrow >$	\$ $\rightarrow =$
δ $\rightarrow \leq$	

**97.**  $R\% W \Rightarrow R \geq W, W @ F \Rightarrow W > F, F \$ Z \Rightarrow F = Z$

So,  $R \geq W > F = Z$

**Conclusions**

- I.  $F \star R \Rightarrow F < R$  (True)
- II.  $Z \star W \Rightarrow Z < W$  (True)

**98.**  $B @ K \Rightarrow B > K, K \% J \Rightarrow K \geq J, J \star M \Rightarrow J < M$

So,  $B > K \geq J < M$

**Conclusions**

- I.  $J \star B \Rightarrow J < B$  (True)
- II.  $M @ B \Rightarrow M > B$  (False)

**99.**  $D \$ T \Rightarrow D = T, T \delta H \Rightarrow T \leq H, H @ N \Rightarrow H > N$

So,  $D = T \leq H > N$

**Conclusions**

- I.  $H \$ D \Rightarrow H = D$  (False)
- II.  $H @ D \Rightarrow H > D$  (False)

But either I or II will be true.

**100.**  $H \delta N \Rightarrow H \leq N, N \star K, N < K, K \delta D \Rightarrow K \leq D$

So,  $H \leq N < K \leq D$

**Conclusions**

- I.  $D @ N \Rightarrow D > N$  (True)
- II.  $H \star K \Rightarrow H < K$  (True)